Document Control

Page 1 June-05-12 9:11:05 AM Item ID: D412-742-043 Accept *N900040100* Setup Start **Revision ID:** Item Name: Replacement Float Skidtube **Start Date:** Start Qty: 1.00 05/06/2012 **Cust Item ID: Required Date:** 19/06/2012 Req'd Qty: 1.00 **Customer:** Reference: Run Start Process Plan: _MLJ Date: 17 06 05 Tooling: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. **Work Center ID** Description **Run Hours** Qty Code Qty Number Stamp Draw Nbr **Revision Nbr** D3391 100 0.00 DOCUMENT CONTROL *100* DC 0.00 Memo

If D412-742-043 is a W/O on it's own,

Photocopy bluefile and create labels per PPP D412-742-043 CHG005

June-05-12 9:11:05 AM

Item ID: Revision ID:	D412-742-04	13	**************************************	Accept	*N900	040	100)* s	etup Star	*N	S1*
	Replacement F 05/06/2012 19/06/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item Customer:	ID:			Stop	· IN	S2*
Approvals:	Process Plan	n:	Date:	Tooling: SPC (Y/N):		ate:		. F	tun Star Stop	*N	R1* R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
110 HandFinish Hand Finishing	2	241/291. Ens 7/16" "T" Pin	sure tube ends line-up w	0.00 all the way around using with saddle holes for prop	g Sikaflex er alignment. using		O.	1 V		M	ulool za
	. *	2-Install wear wearplate, the ones with install	en topped with the SS werts on inside of tube, he	21. Ensure that plastic washer. Seal all bolts with and tighten only bolts with	sikaflex exept						es Let
		4-Coat all exp	" pins once sikaflex is d posed hardware with LP er. yon <u> とんしいもう</u> し	ry. S Procyon. Remove any	excess off with						ej

0.00

Memo

QC

Quality Control

MC 12-07-04

Picklist Print

June-05-12 9:11:10 AM

Work Order ID: 85249

85249

Parent Item:

D412-742-043

D412-742-043

Parent Item Name: Replacement Float Skidtube

Start Date: 05/06/2012

Required Date: 19/06/2012

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev A 05.10.13 New Issue

KJ/JLM

IPP Rev 06.02.13 ECN 773 dwg @ rev.D EC IPP Rev:C 07-05-28 As per Rev F

JLM

IPP Rev:D 07-12-04

ECN 1072

DD verified by:JLM

IPP Rev:E 08-09-08 ecn 08-510 DD verified by:EC

IPP Rev:F

11.11.01 as per DSI9517 REV.B DD verified by:EC

Component Item ID/ tem Name	Replacement Item ID	Mfg/ Purch		Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
» »D3391-021)1* N	Manufactured MacO	No	341-02)	110	Each	0.0000	** (1	(,)		. / /
Fwd Tube Assembly 03391-023		Manufactured	No No			110	Each	0.0000	1	1	6-7 (1x)	<u> H</u>	12/06/26
D3391-02 Mid Tube Assembly	23								** 1	38519	59(1x)) JU	1106/2
				Location		Loc	<u>Qty</u>	Loc Code					
				FP			1		_		_		
				GA			-1		_	-	_		
03391-025		Manufactured	No			110	Each	0.0000	l	1			
Tube Assembly	25*			10					**	384=	101(1	() J	U 12/06
N3C4A		Purchased	No			110	Each	1,362.000	24	24			
AN3C4A									**	H	12/	2/12	6
				Location		Loc (<u>Oty</u>	Loc Code					
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								•	DQA:	Date:	
NCR: Y	es / No				WORK ORDER NON-	CONFOR	MANCE / UP	DATE			
									QA Closed:	Date:	
Work Orde	or.				DISPOSITION			AGAINST DE	/PROCESS		
Part No. NCR No.					Rework Scrap Use-as-is Work Order Update	Skid-tube Machining moforming Large Fab	Crosstube Small Fab Finishing Composite	-1	d. Eng. Coor. re/Packaging Supplier Other	Engineering Quality	
Root		T		Descri	iption of work order update	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Offset/Setup Other Process Supplier Training Unauthorized		Ť									
						AULT CATE					
Landir	Cracks Crushed, Inspection Other Position	Passes Be lot Conce /Crimp at on Strip ir ed Wrong on Inner E	ntric to Bendin Tube	o/s	Hardware Breaking Missing Size/Length Spinning Threading Wrong Drill Holes Misaligned	Cut Too Docum Finish Inspect Inspect	General nination o Short sentation/Data tion Incomplete tion Unqualified tions Incomplete/	'Unclear	Maintenan Mislabeled Off-Set Orientation Out of Calib Out of Sequ Outside Dim Over/Under	Misread ration ence	Set-up Supplier Temperature/Cure Weld Wrong Stock Pulled Other
	Torque Waves in Extrusion			n [Ovalized	Jigs/Fix	Jigs/Fixtures/Tooling		Part Lost		

Kit Incorrect

Kit Missing

Part Moved

Raw Material

Turning Sequence Wave/Twist in Tube Over/Undersized

Too Many

June-05-12 9:11:10 AM

Work Order ID: 85249 *85249* Parent Item: D412-742-043 *D412-742-043* Parent Item Name: Replacement Float Skidtube Start Date: 05/06/2012 **Required Date:** 19/06/2012 Required Qty: 1.00 Start Qty: 1.00 AN3C6A Purchased No 110 Each 451.0000 10 10 *AN3C6A* ** **BOLT** Location Loc Qty Loc Code FP001 111982 ST351 450 111982 2 116419 23 116549 2 116704 12 117619 10 117688 117872 5 118422 13 119449 21 120423 3 120693 158 121682 200 XIO AN3C7A Purchased No 110 Each 140.0000 *AN3C7A* 12/06/2L ** **BOLT** Location Loc Qty Loc Code ST351 140 113149 14 116169 117313 10 117619 12 117688 119749 120731 121185 50 121541 38

						J					DQA:	Date:				
NCR:	Yes	/				WORK ORDER NON-	COI	NFORI	MANCE / UP	PDATE						
				_							QA Closed:	Date:				
Work Order:						DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Work Order.				Rework			Skid-tube Crosstube			d. Eng. Coor.	Engineering					
Part N	No.					Scrap			Machining	Small Fab	l	re/Packaging	Quality			
+	•					Use-as-is		Thern	noforming	Finishing		Supplier				
NCR N	۷o. ₋	i				Work Order Update			Large Fab	Composite	ļ	Other				
			I	· 	Danasi	nation of words and an undate	\perp	nitial			Cian 0	i				
Root		D-4-	C	ا مد		ption of work order update	1	nitial	1	ction	Sign &	Varification	OC Inchestor			
Cause	\dashv	Date	Step	Qty		or Non-conformance	Cn	ief Eng	Desc	cription	Date	Verification	QC Inspector			
Doc/Data	Н															
Equip/Tooling	\vdash															
Operator	Щ															
Material	Щ		1				1									
Offset/Setup	Щ			·												
Other	Ш			·												
Process												·				
Supplier									+							
Training																
Unauthorized																
							FAUL	T CATE	GORY							
Landi	ng G	Gear				Hardware			General		_	•	_			
Bending Passes Below Min				Breaking		Burrs			Maintenan	ce	Set-up					

Contamination

Cut Too Short

Finish

Documentation/Data

Inspection Incomplete

Inspection Unqualified

Jigs/Fixtures/Tooling

Kit Incorrect

Kit Missing

Instructions Incomplete/Unclear

Mislabeled

Orientation Misread

Outside Dimensions

Over/Under tolerance

Out of Calibration

Out of Sequence

Off-Set

Part Lost

Part Moved

Raw Material

Supplier

Weld

Other

Temperature/Cure

Wrong Stock Pulled

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev F

Cracks

Other

Centre Not Concentric to O/S

Crushed/Crimp at Bending

Inspection Strip in Tube

Positioned Wrong

Turning Sequence

Wave/Twist in Tube

Ripples on Inner Bend

Torque Waves in Extrusion

Missing Size/Length

Spinning

Wrong

Threading

Misaligned

Too Many

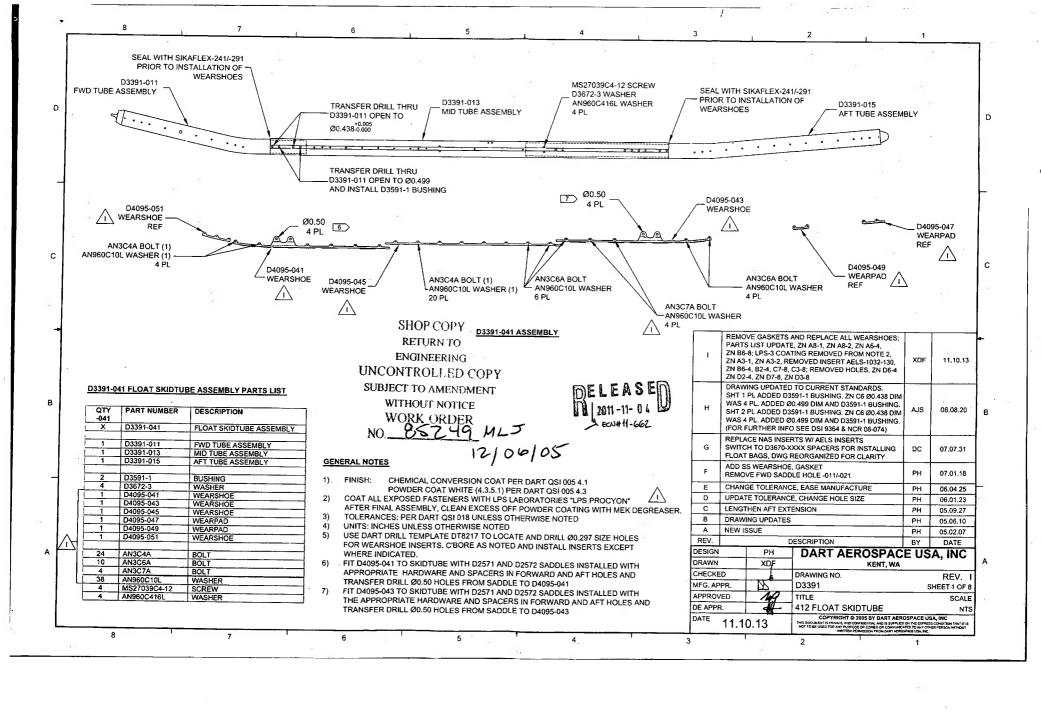
Over/Undersized

Ovalized

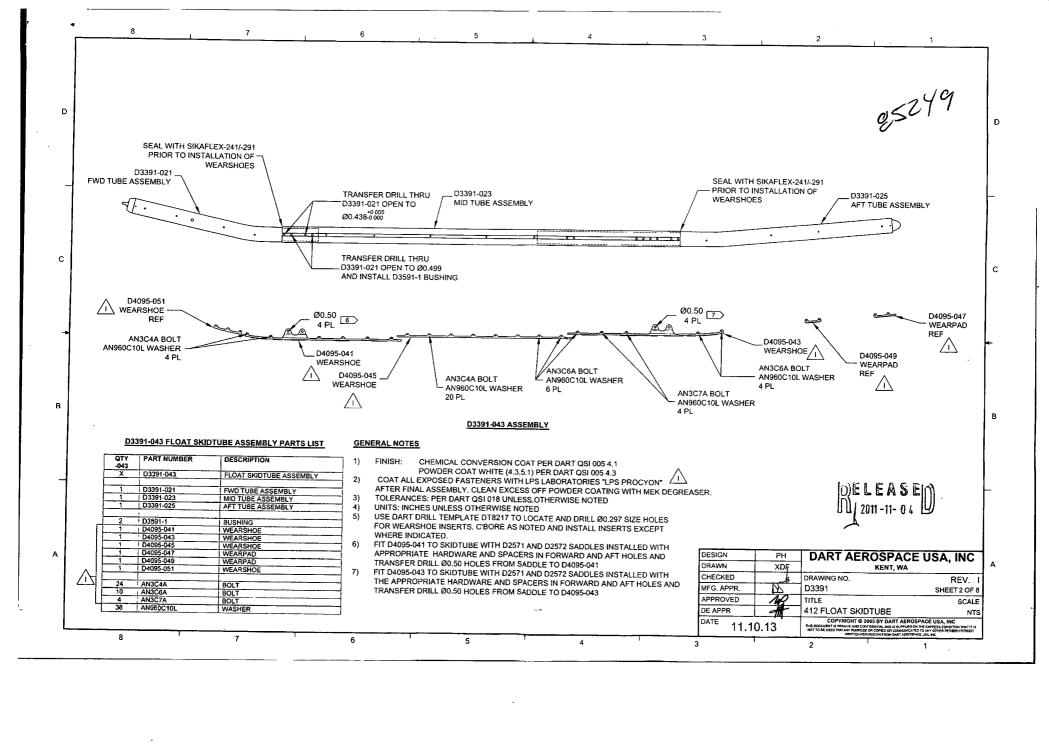
Drill Holes

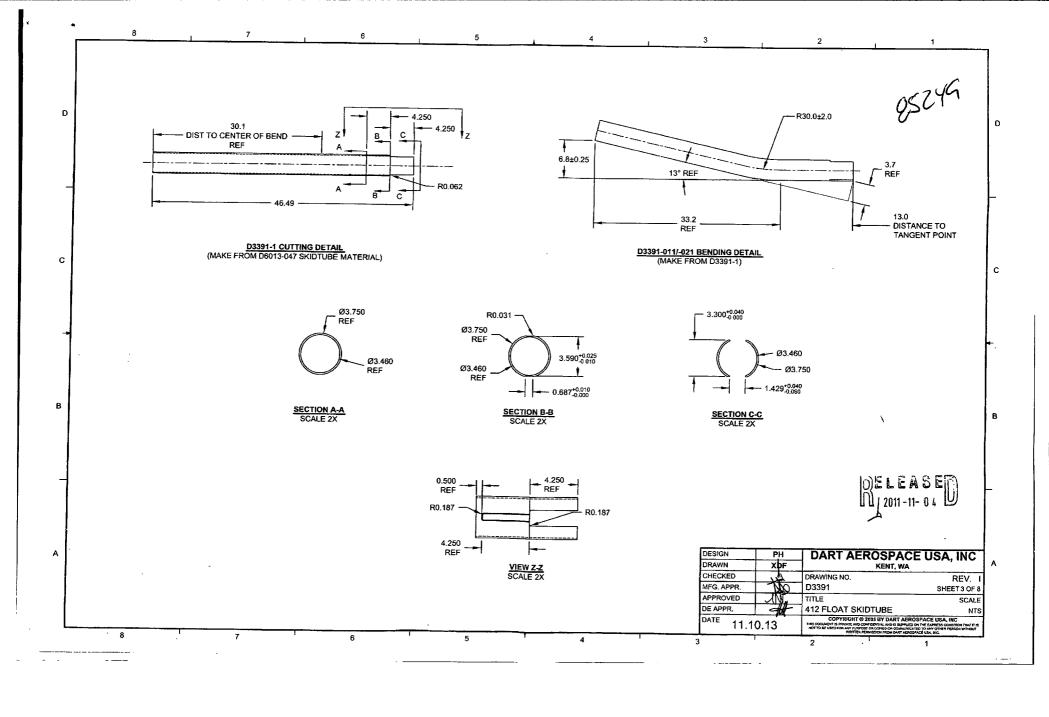
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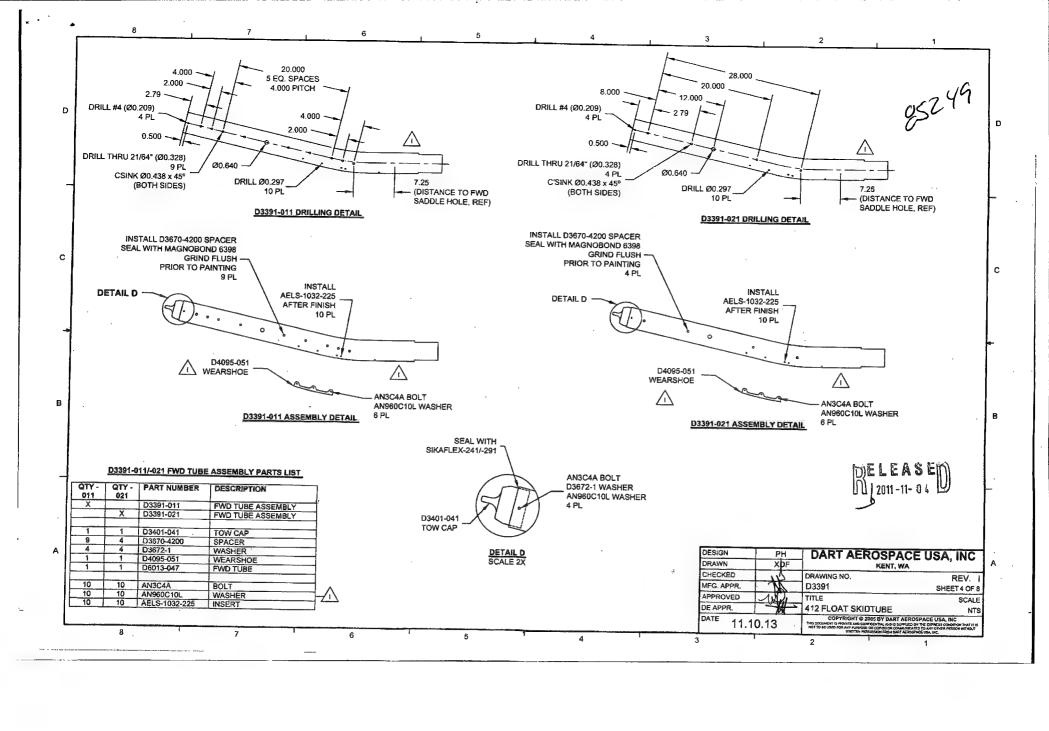
Work Order ID: 85249		*85	5249*	**** *******	*- *		*		
Parent Item: D412-742-043			412-742-0	1/2*					
Parent Item Name: Replacement Floa	t Skidtube	1 74	+ 1 <i>/-1</i> 4/-(14.)				05/06/2012	Required Date: 19/06/2012
				*		:	Start Qty:	1.00	Required Qty: 1.00
AN960C10L NAS1149C0332	2 Purchased	No		110	Each	0.0000	38	38	
*AN960C10I * 🗡							**	M3206	3 (x38) It 12/06/26
D4095-041	Manufactured	No		110	Each	0.0000	1	1	
D4095-041 Wearplate Assembly							**	B81623	(x1) 11/12/06/29
D4095-043	Manufactured	No		110	Each	1.0000	1	1	
D4095-043 Wearplate Assembly							**	11	12/06/26
			Location	Lo	e Qty	Loc Code			e e
			FP001		1				
			81624		1			YI	
D4095-045	Manufactured	No		110	Each	15.0000	1	1 .	
D4095-045 Wearplate Assembly							**	H	12/06/26
			Location	Loc	e Oty	Loc Code			
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			81625		1				
	á.		FP001		14				+
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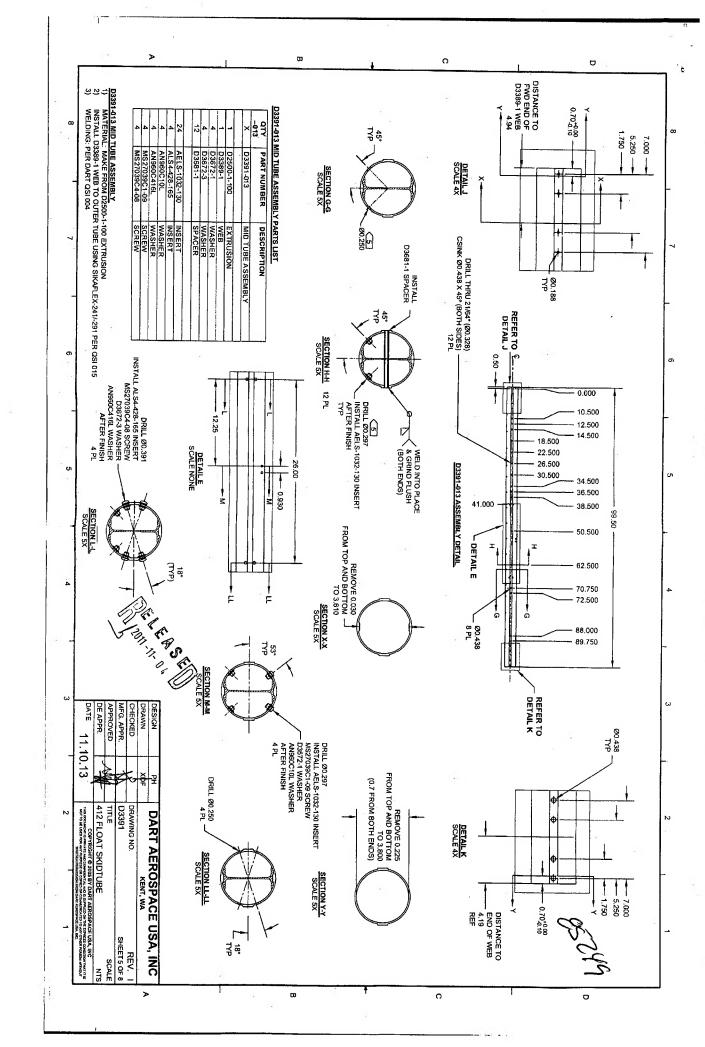
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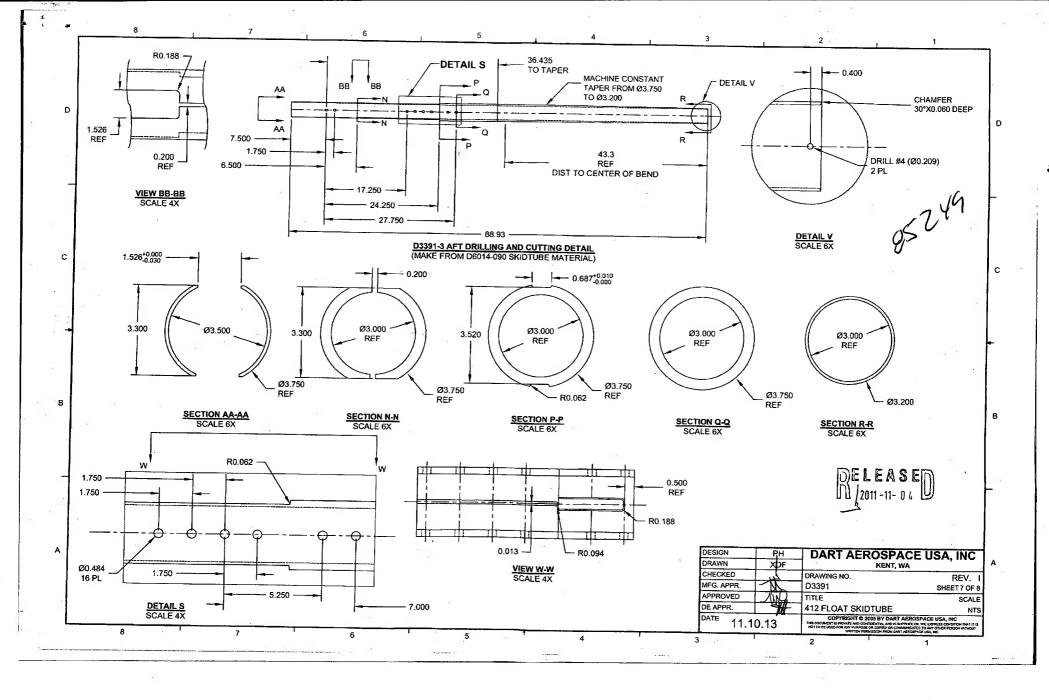


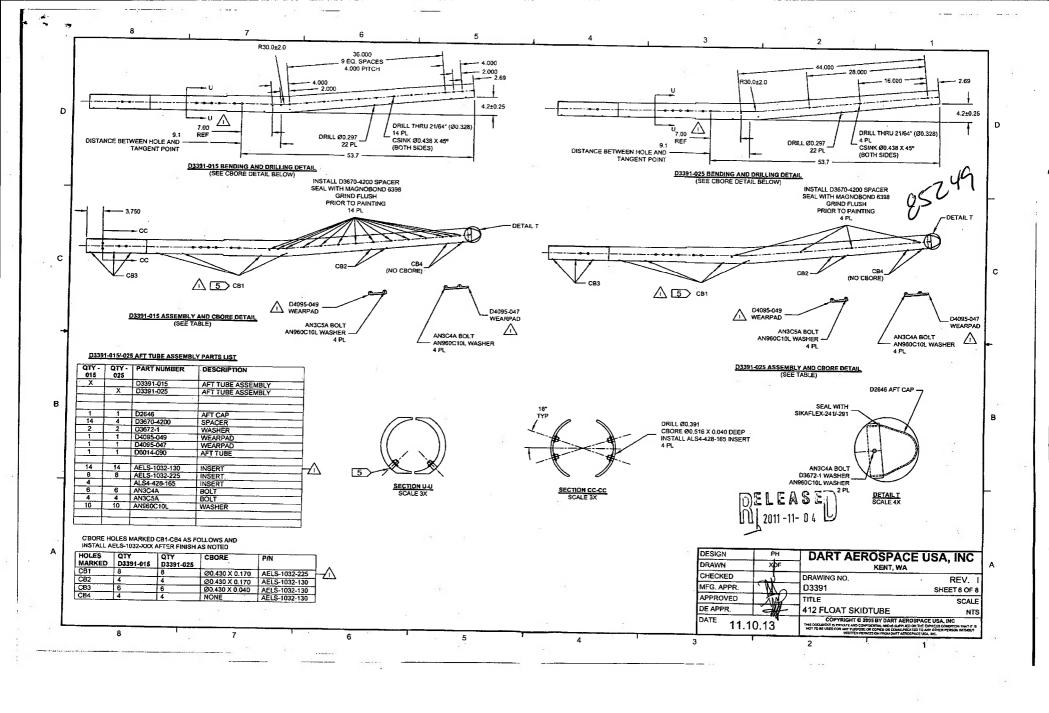




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